



|                                                                                                                        |                                                |                                                                     |
|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------|
| <b><i>Index of Claims</i></b><br><br> | <b>Application/Control No.</b><br><br>10522079 | <b>Applicant(s)/Patent Under Reexamination</b><br><br>LOWLES ET AL. |
|                                                                                                                        | <b>Examiner</b><br><br>Pardo, Thuy N           | <b>Art Unit</b><br><br>2627                                         |


|   |                 |   |                   |   |                     |   |                 |
|---|-----------------|---|-------------------|---|---------------------|---|-----------------|
| ✓ | <b>Rejected</b> | - | <b>Cancelled</b>  | N | <b>Non-Elected</b>  | A | <b>Appeal</b>   |
| = | <b>Allowed</b>  | ÷ | <b>Restricted</b> | I | <b>Interference</b> | O | <b>Objected</b> |

| <input type="checkbox"/> <b>Claims renumbered in the same order as presented by applicant</b> |          | <input type="checkbox"/> <b>CPA</b> |            | <input type="checkbox"/> <b>T.D.</b> |            | <input type="checkbox"/> <b>R.1.47</b> |            |  |  |
|-----------------------------------------------------------------------------------------------|----------|-------------------------------------|------------|--------------------------------------|------------|----------------------------------------|------------|--|--|
| CLAIM                                                                                         |          | DATE                                |            |                                      |            |                                        |            |  |  |
| Final                                                                                         | Original | 06/13/2007                          | 07/19/2007 | 01/05/2008                           | 07/04/2008 | 03/08/2009                             | 05/09/2009 |  |  |
| 1                                                                                             | 1        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 2                                                                                             | 2        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 5                                                                                             | 3        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 6                                                                                             | 4        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 7                                                                                             | 5        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 8                                                                                             | 6        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
|                                                                                               | 7        | ÷                                   | ✓          | -                                    | -          | -                                      | -          |  |  |
|                                                                                               | 8        | ÷                                   | ✓          | O                                    | O          | O                                      | -          |  |  |
| 9                                                                                             | 9        | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 10                                                                                            | 10       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 11                                                                                            | 11       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 12                                                                                            | 12       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 13                                                                                            | 13       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 14                                                                                            | 14       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 15                                                                                            | 15       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 16                                                                                            | 16       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 17                                                                                            | 17       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 18                                                                                            | 18       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 19                                                                                            | 19       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 20                                                                                            | 20       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 21                                                                                            | 21       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 3                                                                                             | 22       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 4                                                                                             | 23       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 24                                                                                            | 24       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 25                                                                                            | 25       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 26                                                                                            | 26       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 27                                                                                            | 27       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
| 28                                                                                            | 28       | ÷                                   | ✓          | ✓                                    | ✓          | ✓                                      | =          |  |  |
|                                                                                               | 29       | ÷                                   | N          | N                                    | N          | N                                      | -          |  |  |
|                                                                                               | 30       | ÷                                   | N          | N                                    | N          | N                                      | -          |  |  |
|                                                                                               | 31       | ÷                                   | N          | N                                    | N          | N                                      | -          |  |  |
|                                                                                               | 32       | ÷                                   | N          | N                                    | N          | N                                      | -          |  |  |
|                                                                                               | 33       | ÷                                   | N          | N                                    | N          | N                                      | -          |  |  |
|                                                                                               | 34       | ÷                                   | N          | N                                    | N          | N                                      | -          |  |  |
|                                                                                               | 35       | ÷                                   | N          | N                                    | N          | N                                      | -          |  |  |
|                                                                                               | 36       | ÷                                   | N          | N                                    | N          | N                                      | -          |  |  |

|                                                                                                                        |                                                |                                                                     |
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|----------------------------------------------------------------------------------------|----------|------------|------------|------------|------------|------------|------------|--|--|------------------------------|--|--|--|--|--|--|--|--|--|-------------------------------|--|--|--|--|--|--|--|--|--|---------------------------------|--|--|--|--|--|--|--|--|--|
| CLAIM                                                                                  |          | DATE       |            |            |            |            |            |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
| Final                                                                                  | Original | 06/13/2007 | 07/19/2007 | 01/05/2008 | 07/04/2008 | 03/08/2009 | 05/09/2009 |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 37       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 38       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 39       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 40       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 41       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 42       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 43       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 44       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 45       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 46       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 47       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 48       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 49       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 50       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 51       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 52       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 53       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 54       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 55       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 56       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 57       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 58       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 59       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 60       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 61       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 62       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 63       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 64       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 65       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 66       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 67       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 68       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 69       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
|                                                                                        | 70       | ÷          | N          | N          | N          | N          | -          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
| 22                                                                                     | 71       |            |            |            | ✓          | ✓          | =          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |
| 23                                                                                     | 72       |            |            |            | ✓          | ✓          | =          |  |  |                              |  |  |  |  |  |  |  |  |  |                               |  |  |  |  |  |  |  |  |  |                                 |  |  |  |  |  |  |  |  |  |

|                                                                                                                        |                                                       |                                                                            |
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|   |                 |
|---|-----------------|
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| = | <b>Allowed</b>  |

|   |                   |
|---|-------------------|
| - | <b>Cancelled</b>  |
| ÷ | <b>Restricted</b> |

|   |                     |
|---|---------------------|
| N | <b>Non-Elected</b>  |
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